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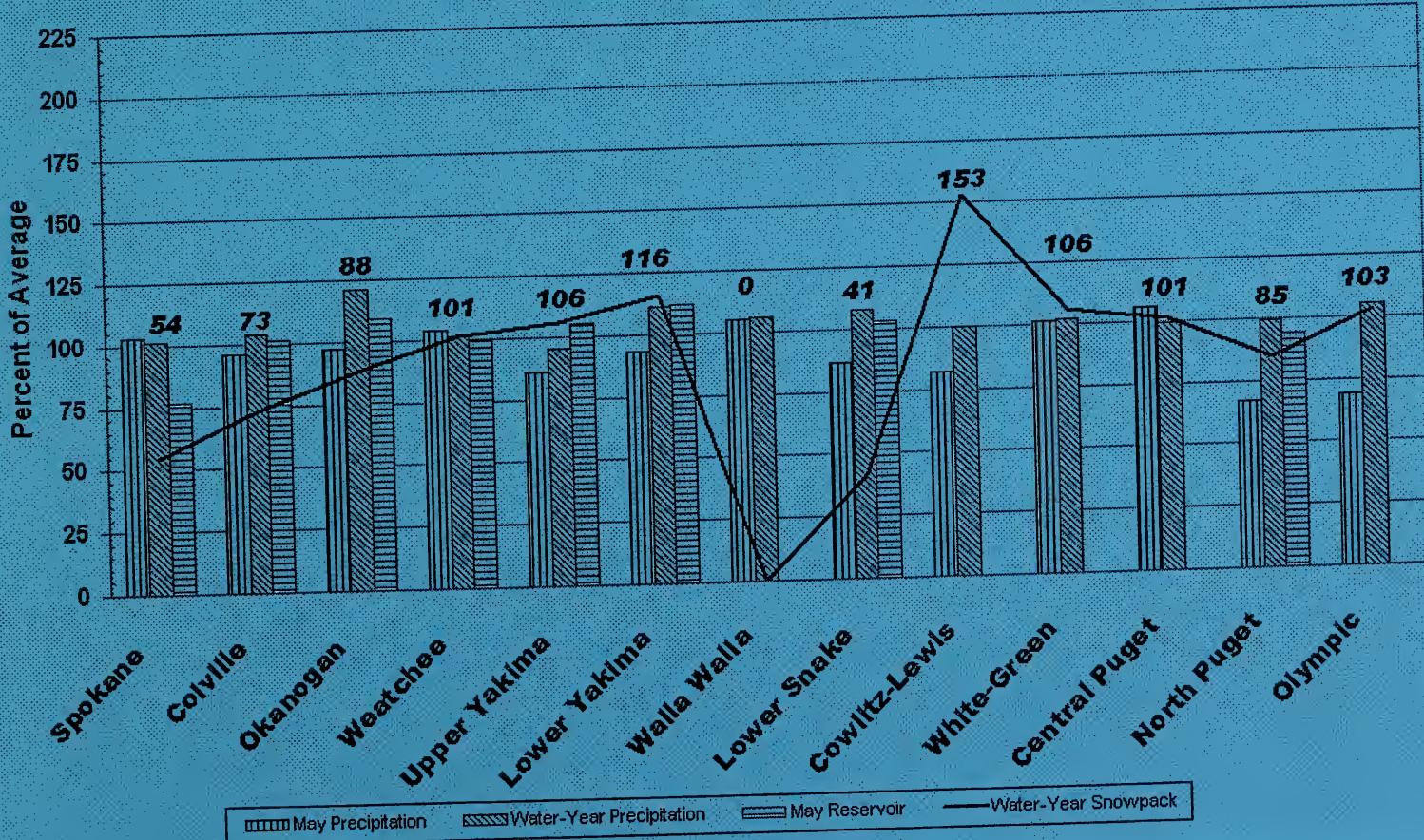
Washington

Water Supply Outlook Report

June 1, 2006

NRCS Natural Resources Conservation Service

June 1, 2006 -
**Snowpack, Precipitation and Reservoir
 Conditions at a Glance**
 (Water Year = October 1, 2005 - Current Date)



Water Supply Outlook Reports and Federal - State – Private Cooperative Snow Surveys

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How forecasts are made

Most of the annual streamflow in the western United States originates as snowfall that has accumulated in the mountains during the winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Measurements of snow water equivalent at selected manual snow courses and automated SNOTEL sites, along with precipitation, antecedent streamflow, and indices of the El Niño / Southern Oscillation are used in computerized statistical and simulation models to prepare runoff forecasts. These forecasts are coordinated between hydrologists in the Natural Resources Conservation Service and the National Weather Service. Unless otherwise specified, all forecasts are for flows that would occur naturally without any upstream influences.

Forecasts of any kind, of course, are not perfect. Streamflow forecast uncertainty arises from three primary sources: (1) uncertain knowledge of future weather conditions, (2) uncertainty in the forecasting procedure, and (3) errors in the data. The forecast, therefore, must be interpreted not as a single value but rather as a range of values with specific probabilities of occurrence. The middle of the range is expressed by the 50% exceedance probability forecast, for which there is a 50% chance that the actual flow will be above, and a 50% chance that the actual flow will be below, this value. To describe the expected range around this 50% value, four other forecasts are provided, two smaller values (90% and 70% exceedance probability) and two larger values (30%, and 10% exceedance probability). For example, there is a 90% chance that the actual flow will be more than the 90% exceedance probability forecast. The others can be interpreted similarly.

The wider the spread among these values, the more uncertain the forecast. As the season progresses, forecasts become more accurate, primarily because a greater portion of the future weather conditions become known; this is reflected by a narrowing of the range around the 50% exceedance probability forecast. Users should take this uncertainty into consideration when making operational decisions by selecting forecasts corresponding to the level of risk they are willing to assume about the amount of water to be expected. If users anticipate receiving a lesser supply of water, or if they wish to increase their chances of having an adequate supply of water for their operations, they may want to base their decisions on the 90% or 70% exceedance probability forecasts, or something in between. On the other hand, if users are concerned about receiving too much water (for example, threat of flooding), they may want to base their decisions on the 30% or 10% exceedance probability forecasts, or something in between. Regardless of the forecast value users choose for operations, they should be prepared to deal with either more or less water. (Users should remember that even if the 90% exceedance probability forecast is used, there is still a 10% chance of receiving less than this amount.) By using the exceedance probability information, users can easily determine the chances of receiving more or less water.

Washington Water Supply Outlook

June 2006

General Outlook

Above average temperatures brought above average snow melt and streamflows for most basins in Washington last month. With day time mountain temperatures reaching above 70 degrees Fahrenheit for almost half of the month, it's no wonder the snow was melting fast and swelling streams. Uncontrolled flows were as high as 422% of the mean daily flow or 157% of the average monthly runoff (Methow River near Pateros). The good news is that we still have near to above average snowpack in the high country which will help provide sustained flows for the next several months. Reservoir storage is also in a better state than we have observed for the past several years and should remain in good shape through out the season. National Weather Service is predicting some chance of above average temperatures with below average precipitation over the next three months.

Snowpack

The June 1 statewide SNOTEL readings remain at 108% of average, compared to only 4% in 2005. Snowpack at most of the middle to lower elevation sites melted out during the warm spell in May. Additionally very few manual snow surveys were made this month, limiting the data availability to primarily SNOTEL readings. Maximum snow cover in Washington was at Paradise SNOTEL on Mt. Rainier, with a water content of 63.1 inches, down by about 20 inches from last month. This site would normally have 61.6 inches of water content on June 1. Last year at this time Paradise had only 5.5 inches of snow water.

BASIN	PERCENT OF LAST YEAR	PERCENT OF AVERAGE
Spokane	433	54
Newman Lake	0	0
Pend Oreille	241	73
Okanogan	358	91
Methow	0	85
Conconully Lake	0	0
Wenatchee	1818	103
Chelan	3397	100
Upper Yakima	0	106
Lower Yakima	0	116
Ahtanum Creek	0	138
Walla Walla	0	0
Lower Snake	184	41
Cowlitz	1870	111
Lewis	0	195
White	0	122
Green	0	90
Puyallup	0	122
Cedar	0	62
Snoqualmie	0	106
Skykomish	0	119
Skagit	0	89
Baker	1365	81
Nooksack	0	16
Olympic Peninsula	0	103

Precipitation

During the month of May, the National Weather Service and Natural Resources Conservation Service climate stations reported a wide variation in precipitation totals throughout Washington river basins. 106% of average in the Central Puget Sound River Basins was the highest and the North Puget Sound River Basins had the low of 67%. The highest individual station percent of average in the state was at Wenatchee which reported 205% of average. The wettest spot in the state was reported at Alpine Meadows SNOTEL with a May accumulation of 9.5 inches, 42% higher than the May normal of 6.7 inches. Overall water-year averages held steady or dropped slightly.

RIVER BASIN	MAY PERCENT OF AVERAGE	WATER YEAR PERCENT OF AVERAGE
Spokane	103.....	101
Colville-Pend Oreille	96.....	104
Okanogan-Methow	97	121
Wenatchee-Chelan	104.....	101
Upper Yakima	86.....	95
Lower Yakima	93	111
Walla Walla	105.....	106
Lower Snake	87.....	108
Cowlitz-Lewis	82.....	101
White-Green-Puyallup	101.....	102
Central Puget Sound	106.....	99
North Puget Sound	67.....	99
Olympic Peninsula	69	105

Reservoir

Seasonal reservoir levels in Washington are generally higher than they have been in several years, thanks to an abundant snow year. Reservoir storage in the Yakima Basin was 767,000-acre feet, 105% of average for the Upper Reaches and 229,000-acre feet, 112% of average for Rimrock and Bumping Lakes. Storage at the Okanogan reservoirs was 109% of average for June 1. The power generation reservoirs included the following: Coeur d'Alene Lake, 209,000 acre feet, 77% of average and 88% of capacity; Chelan Lake, 473,000-acre feet, 100% of average and 70% of capacity; and the Skagit River reservoirs at 94% of average and 70% of capacity. Many of these reservoirs will continue to see snow melt contributions to bring them to capacity over the next month or two.

BASIN	PERCENT OF CAPACITY	CURRENT STORAGE AS PERCENT OF AVERAGE
Spokane	88	77
Colville-Pend Oreille	88	101
Okanogan-Methow	98	109
Wenatchee-Chelan	70	100
Upper Yakima	92	105
Lower Yakima	99	112
Lower Snake	90	103
Cowlitz-Lewis	N/A	N/A
North Puget Sound	70	94

Streamflow

June forecasts vary from 147% of average for Klickitat River near Glenwood to 74% of average for the Spokane River near Post Falls. In contrast; last year at this time the highest forecast in the state was 78% of average for the Columbia River at Birchbank and the lowest was 23% of average for Kachees Lake inflow. Volumetric forecasts are developed using current, historic and average snowpack, precipitation and streamflow data collected and coordinated by organizations cooperating with NRCS.

May streamflows varied greatly across the state. Most were influenced by rapid snow melt rates and/or reservoir operations, causing some localized flooding. The Spokane River at Spokane had the lowest reported flows with 95% of average. The Methow River near Pateros with 157% of average was the highest in the state. Other streamflows were the following percentage of average as reported by the River Forecast Center: the Cowlitz at Castle Rock, 105%; the Dungeness near Sequim, 134%; the Columbia below Rock Island Dam, 125%; and the Yakima near Cle Elum, 121%.

BASIN	PERCENT OF AVERAGE (50 PERCENT CHANCE OF EXCEEDENCE)
Spokane	74-126
Colville-Pend Oreille	78-113
Okanogan-Methow	80-124
Wenatchee-Chelan	83-130
Upper Yakima	78-84
Lower Yakima	84-147
Walla Walla	100-108
Lower Snake	92-107
Cowlitz-Lewis	86-147
White-Green-Puyallup	107-109
Central Puget Sound	109-115
North Puget Sound	93-101
Olympic Peninsula	101-106
STREAM	PERCENT OF AVERAGE MAY STREAMFLOWS
Pend Oreille Below Box Canyon	120
Preist River near Preist River	131
Kettle at Laurier	138
Columbia at Birchbank	131
Spokane at Long Lake	97
Similkameen at Nighthawk	102
Okanogan at Tonasket	106
Methow at Pateros	157
Chelan at Chelan	143
Wenatchee at Pashastin	127
Yakima at Cle Elum	121
Yakima at Parker	142
Naches at Naches	155
Grande Ronde at Troy	112
Snake below Lower Granite Dam	131
SF Walla Walla near Milton Freewater	103
Columbia River at The Dalles	128
Lewis at Ariel	97
Cowlitz below Mayfield Dam	111
Skagit at Concrete	114

For more information contact your local Natural Resources Conservation Service office.

B A S I N S U M M A R Y O F
S N O W C O U R S E D A T A

JUNE 2006

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1971-00	SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 1971-00
ABERDEEN LAKE CAN.	4000	6/01/06	---	23.8	--	--	MISSION CREEK CAN.	5840	6/01/06	---	8.4	2.5	13.0
ALPINE MEADOWS SNTL	3500	6/01/06	---	37.8	.0	31.4	MORRISSEY RIDGE CAN.	6100	6/01/06	---	.0	.0	--
BADGER PASS SNOTEL	6900	6/01/06	31	15.8	5.6	22.9	MORSE LAKE SNOTEL	5400	6/01/06	83	41.3	.0	33.6
BARKER LAKES SNOTEL	8250	6/01/06	18	4.6	12.1	9.5	MOSES MTN SNOTEL	4800	6/01/06	0	.0	.0	.1
BASIN CREEK SNOTEL	7180	6/01/06	0	.0	.0	4.1	MOSQUITO RDG SNOTEL	5200	6/01/06	---	6.8	.0	11.0
BEAVER CREEK TRAIL	2200	5/30/06	0	.0	--	--	MOUNT BLUM AM	5800	6/01/06	---	60.9e	10.0	61.4
BEAVER PASS	3680	5/30/06	36	18.5	--	--	MOUNT CRAG SNOTEL	4050	6/01/06	---	.0	.0	7.8
BEAVER PASS SNOTEL	3680	6/01/06	62	24.6	.0	--	MT. KOBAU CAN.	5500	5/29/06	22	8.7	.0	5.2
BIG WHITE MTN CAN.	5510	5/31/06	10	4.4	.0	8.0	MOWICH SNOTEL	3150	6/01/06	0	.0	.0	--
BLACK PINE SNOTEL	7100	6/01/06	0	.0	.0	1.9	MOUNT GARDNER SNOTEL	2860	6/01/06	0	.0	.0	.0
BLACKWALL PEAK CAN.	6370	6/01/06	---	10.8	.0	--	N.F. ELK CR SNOTEL	6250	6/01/06	0	.0	.0	.6
BLEWETT PASS#2SNOTEL	4270	6/01/06	0	.0	.0	.0	NEVADA RIDGE SNOTEL	7020	6/01/06	0	.0	.0	3.4
BRENDA MINE CAN.	4450	6/01/06	---	.0	.0	2.7	NEW HOZOMEEN LAKE	2800	5/30/06	0	.0	.0	--
BROWN TOP AM	6000	5/30/06	80	43.8	--	--	NEZ PERCE CMP SNOTEL	5650	6/01/06	0	.0	.0	.3
BUMPING RIDGE SNOTEL	4600	6/01/06	18	10.8	.0	11.6	NOISY BASIN SNOTEL	6040	6/01/06	60	28.4	8.8	30.1
BUNCHGRASS MDWSNOTEL	5000	6/01/06	22	9.6	.0	9.7	NORTH FORK JOCKO	6330	5/25/06	40	19.8	15.1	23.3
BURNT MOUNTAIN PIL	4200	6/01/06	0	.0	.0	--	OLALLIE MDWS SNOTEL	3960	6/01/06	64	32.6	.0	31.8
CHICKEN CREEK	4060	5/25/06	0	.0	.0	.0	PARADISE PARK SNOTEL	5500	6/01/06	---	63.1	5.5	61.6
COMBINATION SNOTEL	5600	6/01/06	0	.0	.0	.0	PARK CK RIDGE SNOTEL	4600	6/01/06	---	17.0	.0	11.5
COPPER BOTTOM SNOTEL	5200	6/01/06	0	.0	.0	.0	PETERSON MDW SNOTEL	7200	6/01/06	0	.0	.0	2.7
CORRAL PASS SNOTEL	6000	6/01/06	---	28.0	.0	23.1	PIGTAIL PEAK SNOTEL	5900	6/01/06	94	48.2	1.8	39.9
COUGAR MTN. SNOTEL	3200	6/01/06	0	.0	.0	1.5	PIKE CREEK SNOTEL	5930	6/01/06	0	.0	.0	7.3
DALY CREEK SNOTEL	5780	6/01/06	0	.0	.0	.0	POPE RIDGE SNOTEL	3540	6/01/06	0	.0	.0	.0
DEVILS PARK	5900	5/30/06	56	30.2	--	--	POTATO HILL SNOTEL	4500	6/01/06	---	2.7	.0	2.7
DISCOVERY BASIN	7050	5/30/06	1	.2	.0	2.4	QUARTZ PEAK SNOTEL	4700	6/01/06	0	.0	.0	.0
DOCK BUTTE AM	3800	6/01/06	---	34.0e	.0	52.5	RAINY PASS SNOTEL	4780	6/01/06	36	20.4	.0	24.3
DUNGENESS SNOTEL	4100	6/01/06	0	.0	.0	--	REX RIVER SNOTEL	1900	6/01/06	---	.0	.0	6.1
EASY PASS AM	5200	6/01/06	---	64.7e	7.0	73.3	ROCKER PEAK SNOTEL	8000	6/01/06	24	8.7	7.8	11.7
ELBOW LAKE SNOTEL	3200	6/01/06	8	3.1	.0	19.8	SADDLE MTN SNOTEL	7900	6/01/06	30	10.8	2.8	16.3
EMERY CREEK SNOTEL	4350	6/01/06	0	.0	.0	.0	SALMON MDWS SNOTEL	4500	6/01/06	0	.0	.0	.0
ENDERBY CAN.	5800	5/30/06	72	37.0	18.1	37.8	SASSE RIDGE SNOTEL	4200	6/01/06	27	11.4	.0	5.9
FISH LAKE SNOTEL	3370	6/01/06	15	5.8	.0	7.5	SAVAGE PASS SNOTEL	6170	6/01/06	12	4.2	.0	10.4
FLATTOP MTN SNOTEL	6300	6/01/06	66	33.5	14.4	36.5	SCHREIBERS MDW AM	3400	6/01/06	---	34.3e	.0	41.4
FREEZEOUT CK. TRAIL	3500	5/30/06	0	.0	--	--	SENTINEL BT SNOTEL	4920	6/01/06	0	.0	.0	--
FROHNER MDWS SNOTEL	6480	6/01/06	0	.0	.0	.7	SHEEP CANYON SNOTEL	4050	6/01/06	39	18.2	.0	13.7
GRAVE CRK SNOTEL	4300	6/01/06	0	.0	.0	.0	SHERWIN SNOTEL	3200	6/01/06	0	.0	.0	.0
GREEN LAKE SNOTEL	6000	6/01/06	18	9.4	.0	6.6	SILVER STAR MTN CAN.	5600	6/03/06	34	17.8	8.4	18.4
GROUSE CAMP SNOTEL	5380	6/01/06	---	.3	.0	.2	SKALKAHO SNOTEL	7260	6/01/06	3	1.5	.0	14.6
HAND CREEK SNOTEL	5030	6/01/06	0	.0	.0	.0	SKOOKUM CREEK SNOTEL	3920	6/01/06	0	.0	.0	1.5
HARTS PASS SNOTEL	6500	6/01/06	49	25.0	.0	29.2	SOURDOUGH GUL SNOTEL	4000	6/01/06	0	.0	.0	--
HARTS PASS	6500	5/30/06	68	38.0	--	--	SPENCER MDW SNOTEL	3400	6/01/06	---	1.8	.0	3.0
HELL ROARING DIVIDE	5770	5/31/06	26	14.3	2.0	10.8	SPRUCE SPGS SNOTEL	5700	6/01/06	0	.0	.0	--
HERRIG JUNCTION	4850	5/25/06	19	8.1	.0	5.4	STAHL PEAK SNOTEL	6030	6/01/06	47	26.4	19.2	28.0
HIGH RIDGE SNOTEL	4920	6/01/06	0	.0	.0	.2	STAMPEDE PASS SNOTEL	3860	6/01/06	---	18.0	.0	18.6
HOODOO BASIN SNOTEL	6050	6/01/06	66	32.6	14.3	28.4	STEVENS PASS SNOTEL	4070	6/01/06	22	10.3	.0	9.0
HUCKLEBERRY SNOTEL	2000	6/01/06	0	.0	.0	--	STRYKER BASIN	6180	5/25/06	38	19.8	2.5	19.4
HUMBOLDT GLCH SNOTEL	4250	6/01/06	0	.0	.0	.0	SUNSET SNOTEL	5540	6/01/06	0	.0	.0	13.5
JUNE LAKE SNOTEL	3200	6/01/06	---	20.8	.0	10.1	SURPRISE LKS SNOTEL	4250	6/01/06	---	41.9	--	19.0
KRAFT CREEK SNOTEL	4750	6/01/06	0	.0	.0	.0	SWAMP CREEK SNOTEL	4000	6/01/06	0	.0	.0	--
LOLO PASS SNOTEL	5240	6/01/06	1	.5	.0	4.9	THUNDER BASIN SNOTEL	4200	6/01/06	---	10.7	.0	9.3
LONE PINE SNOTEL	3800	6/01/06	---	29.2	.0	18.4	TINKHAM CREEK SNOTEL	3000	6/01/06	14	6.1	.0	2.9
LOOKOUT SNOTEL	5140	6/01/06	0	.0	.0	8.0	TOUCHET SNOTEL	5530	6/01/06	0	.0	.0	2.5
LOST HORSE SNOTEL	5000	6/01/06	0	.0	.0	.2	TROUGH #2 SNOTEL	5310	6/01/06	0	.0	.0	.0
LOST LAKE SNOTEL	6110	6/01/06	---	33.5	9.3	41.5	TV MOUNTAIN	6800	5/25/06	3	1.4	1.4	6.8
LURECHT SNOTEL	4680	6/01/06	0	.0	.0	.0	TWELVEMILE SNOTEL	5600	6/01/06	0	.0	.0	.4
LYMAN LAKE SNOTEL	5900	6/01/06	90	53.0	3.8	50.8	TWIN LAKES SNOTEL	6400	6/01/06	32	18.6	.0	22.3
MEADOWS CABIN	1900	5/30/06	0	.0	--	--	UPPER WHEELER SNOTEL	4400	6/01/06	0	.0	.0	.0
MEADOWS PASS SNOTEL	3240	6/01/06	0	.0	.0	.9	WARM SPRINGS SNOTEL	7800	6/01/06	28	12.1	9.1	17.0
M F NOOKSACK SNOTEL	4980	6/01/06	---	47.7	.0	--	WATSON LAKES AM	4500	6/01/06	---	38.1e	.0	57.4
MICA CREEK SNOTEL	4750	6/01/06	0	.0	.0	.0	WATERHOLE SNOTEL	5000	6/01/06	39	15.5	.0	--
MINERS RIDGE SNOTEL	6200	6/01/06	---	38.7	.0	42.5	WELLS CREEK SNOTEL	4200	6/01/06	28	9.8	.0	.0
							WHITE PASS ES SNOTEL	4500	6/01/06	8	4.3	.0	5.6
							WHITE ROCKS MTN CAN.	7200	5/31/06	16	6.9	.0	7.4



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Helpful Internet Addresses

NRCS Snow Survey and Climate Services Homepages

Washington:

<http://www.wa.nrcc.usda.gov/snow>

Oregon:

<http://www.or.nrcc.usda.gov/snow>

Idaho:

<http://www.id.nrcc.usda.gov/snow>

National Water and Climate Center (NWCC) :

<http://www.wcc.nrcc.usda.gov>

NWCC Anonymous FTP Server:

<ftp://wcc.nrcc.usda.gov>

USDA-NRCS Agency Homepages

Washington:

<http://www.wa.nrcc.usda.gov>

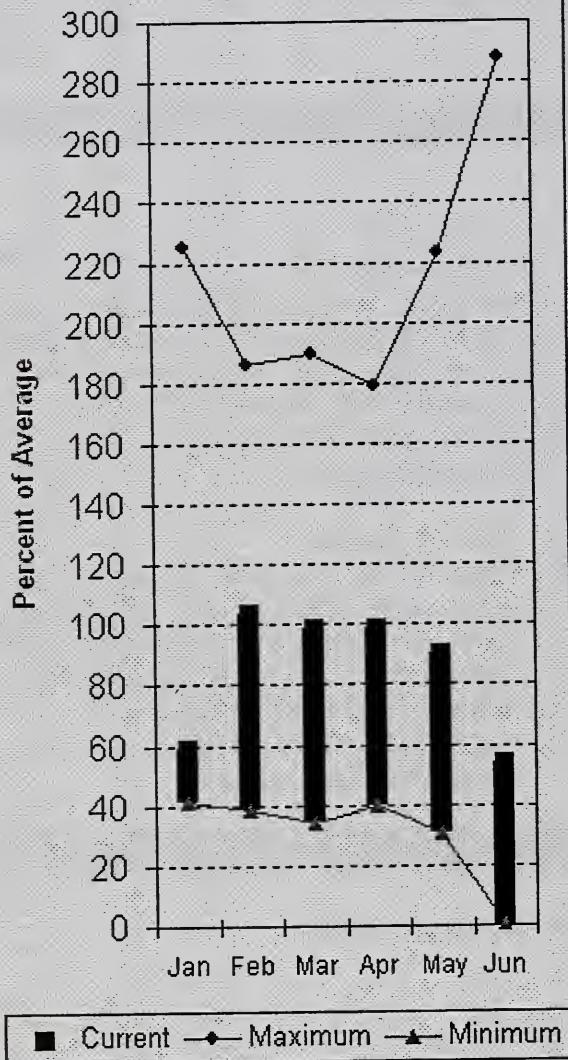
NRCS National:

<http://www.nrcc.usda.gov>

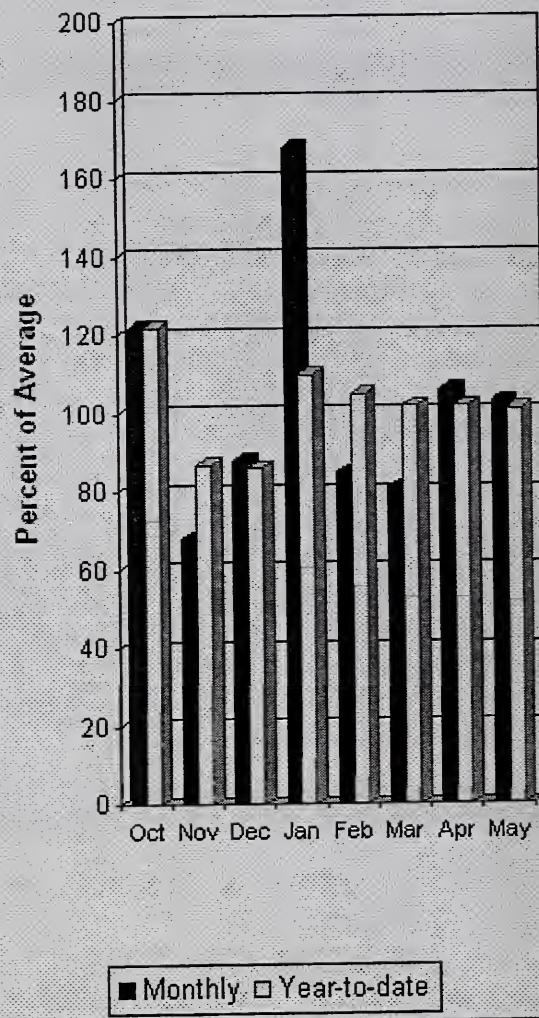
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Spokane River Basin

Mountain Snowpack*



Basin Precipitation*



*Based on selected stations

The June 1 forecasts for summer runoff within the Spokane River Basin are 74% of average near Post Falls and 79% at Long Lake. The Chamokane River near Long Lake forecasted to have 126% of average flows for the June-August period. The forecast is based on a basin snowpack that is 54% of average and precipitation that is 101% of average for the water year. Precipitation for May was near normal at 103% of average. Streamflow on the Spokane River at Long Lake was 97% of average for May. June 1 storage in Coeur d'Alene Lake was 209,000 acre feet, 77% of average and 88% of capacity. Snowpack at Quartz Peak SNOTEL site had melted out as is normal. Average temperatures in the Spokane basin were 4 degrees above normal for May and 1 degree above for the water year.

Spokane River Basin

SPOKANE RIVER BASIN Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	<===== Drier ===== Future Conditions ===== Wetter =====>						30-Yr Avg. (1000AF)	
		Chance Of Exceeding *		50% (1000AF) (% AVG.)		30% (1000AF) (1000AF)			
		90% (1000AF)	70% (1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)		
SPOKANE near Post Falls (2)	JUN-SEP	360	490	575	74	660	790	775	
	JUN-JUL	295	415	500	74	585	705	675	
SPOKANE at Long Lake (2)	JUN-JUL	430	565	655	78	745	875	840	
	JUN-SEP	600	745	840	79	940	1080	1060	
CHAMOKANE CREEK near Long Lake	JUL-AUG	4.0	4.3	4.4	126	4.5	4.8	3.5	

SPOKANE RIVER BASIN Reservoir Storage (1000 AF) - End of May

SPOKANE RIVER BASIN Watershed Snowpack Analysis - June 1, 2006

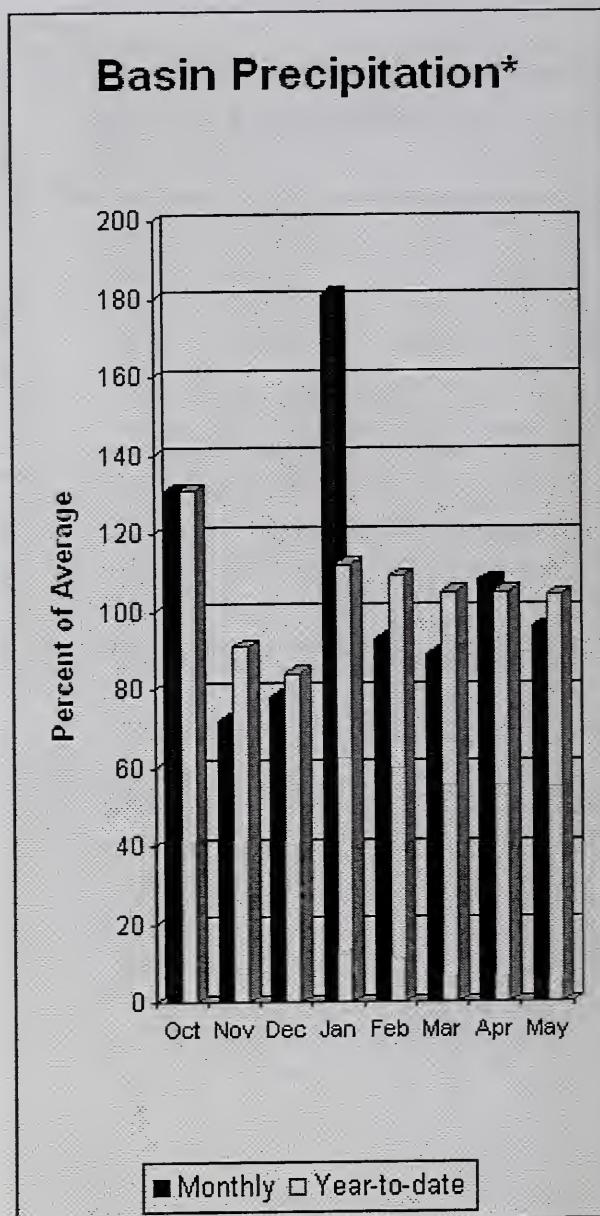
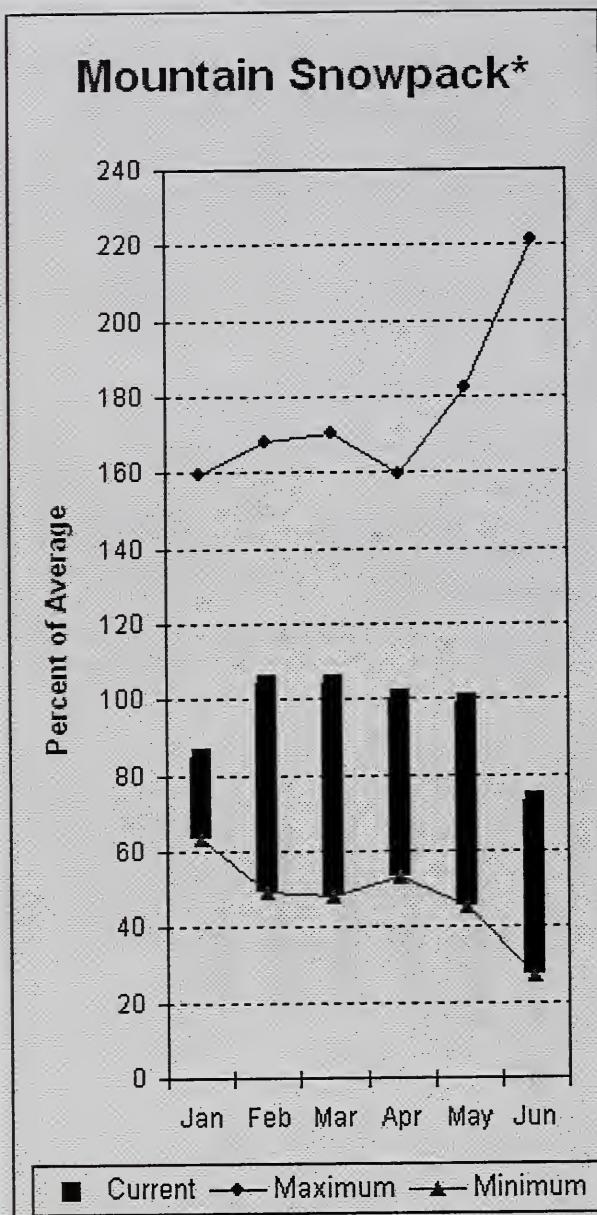
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of		
		This Year	Last Year	Avg			Last Yr	Average	
COEUR D'ALENE	238.5	209.1	233.5	270.4	SPOKANE RIVER	8	433	54	
					NEWMAN LAKE	1	0	0	

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

Colville - Pend Oreille River Basins



*Based on selected stations

The June–September average forecast for the Kettle River streamflow is 94%, Colville at Kettle Falls is 113% and Priest River near the town of Priest River is 86%. May streamflow was 120% of average on the Pend Oreille River, 131% on the Columbia at Birchbank and 138% on the Kettle River. June 1 snow cover was 73% of average in the Pend Oreille Basin River Basin and 55% for the Kettle River. Bunchgrass Meadows SNOTEL site had 9.6 inches of snow water on the snow pillow. Normally Bunchgrass would have 9.7 inches on June 1. Precipitation during May was 96% of average, bringing the year-to-date precipitation to 104% of average. Reservoir storage in the basin, including Lake Pend Oreille and Priest Lake was 101% of normal. Average temperatures were 3-4 degrees above normal for May and 1 degree above for the water year.

Colville - Pend Oreille River Basins

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	<===== Drier ===== Future Conditions ===== Wetter =====>					30-Yr Avg. (1000AF)	
		Chance Of Exceeding *			50% (% AVG.)	30% (1000AF)		
		90% (1000AF)	70% (1000AF)	(1000AF)				
PEND OREILLE Lake Inflow (2)	JUN-JUL	3520	4270	4780	78	5290	6040	6120
	JUN-SEP	4300	5130	5690	78	6250	7080	7280
PRIEST near Priest River (1,2)	JUN-JUL	170	225	250	86	275	330	290
	JUN-SEP	205	265	295	86	325	385	345
PEND OREILLE bl Box Canyon (2)	JUN-JUL	3240	4200	4850	78	5500	6460	6190
	JUN-SEP	4140	5100	5750	78	6400	7360	7370
COLVILLE at Kettle Falls	JUN-SEP	37	47	54	113	61	71	48
	JUN-JUL	25	34	40	114	46	55	35
KETTLE near Laurier	JUN-SEP	625	745	825	94	905	1030	880
	JUN-JUL	575	670	735	94	800	895	780
COLUMBIA at Birchbank (1,2)	JUN-JUL	14779	16925	17900	81	18875	21020	22000
	JUN-SEP	22324	25058	26300	86	27540	30280	30600
COLUMBIA at Grand Coulee Dm (1,2)	JUN-SEP	28925	32759	34500	86	36240	40070	40300
	JUN-JUL	19725	22871	24300	81	25730	28880	30200

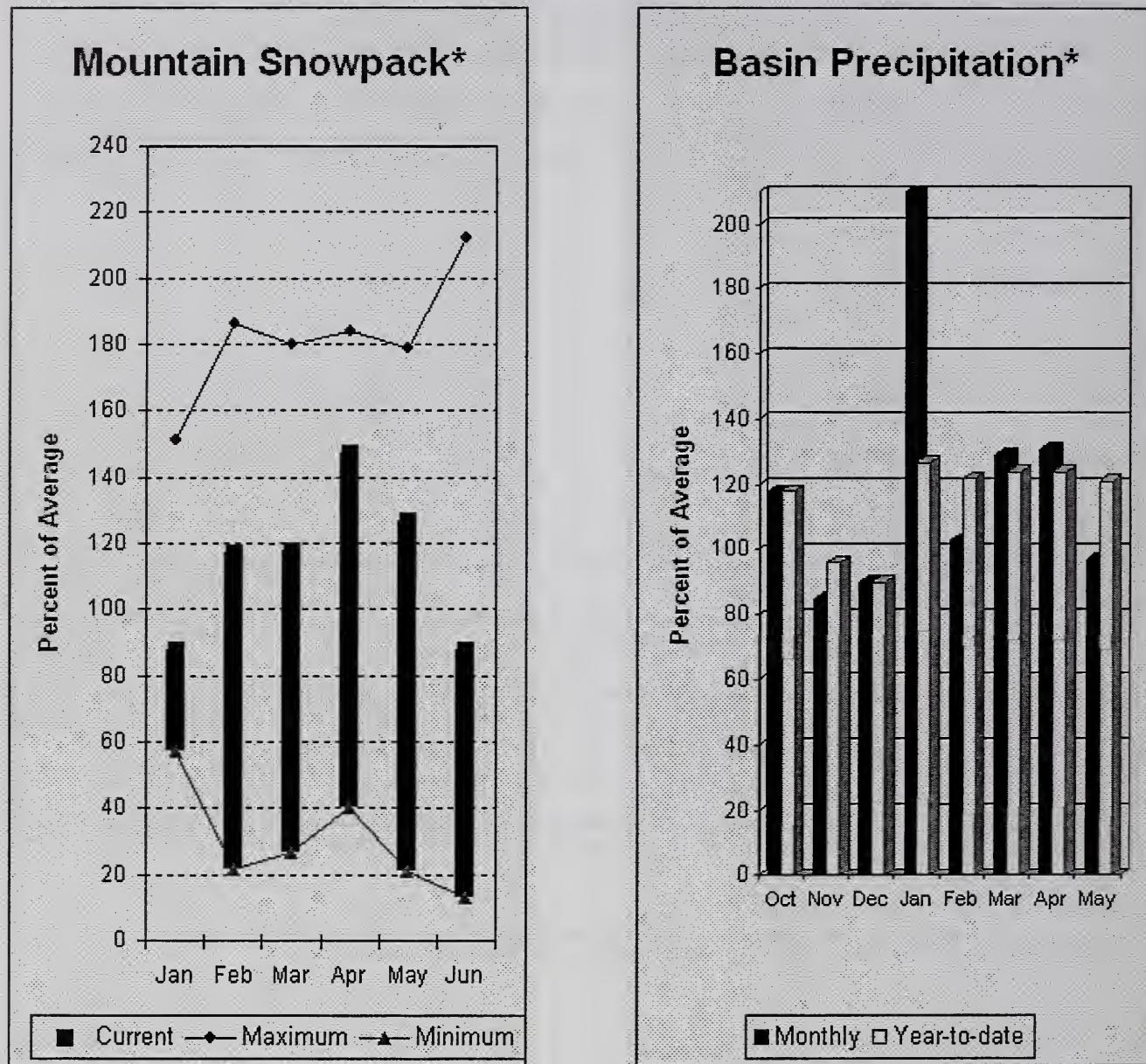
COLVILLE - PEND OREILLE RIVER BASINS Reservoir Storage (1000 AF) - End of May			COLVILLE - PEND OREILLE RIVER BASINS Watershed Snowpack Analysis - June 1, 2006					
Reservoir	Usable Capacity	*** Usable Storage ***	Watershed	Number of Data Sites	This Year	as % of	Last Yr	Average
		This Year	Last Year	Avg				
ROOSEVELT		NO REPORT	COLVILLE RIVER	0	0	0		
PEND OREILLE	1561.3	1329.0	1378.0	1333.1	PEND OREILLE RIVER	8	0	36
PRIEST LAKE	119.3	154.6	125.0	138.5	KETTLE RIVER	0	0	0

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

Okanogan - Methow River Basins



*Based on selected stations

Summer runoff average forecast for the Okanogan River is 83%, Similkameen River is 80%, Methow River is 80% and Salmon Creek is 111%. June 1 snow cover on the Okanogan was 91% of average, Omak Creek had melted out and the Methow was 85%. May precipitation in the Okanogan-Methow was 97% of average, with precipitation for the water year at 121% of average. May streamflow for the Methow River was 157% of average, 106% for the Okanogan River and 102% for the Similkameen. Snow-water content at Harts Pass SNOTEL was 25 inches. Average for this site is 29.2 inches on June 1. Combined storage in the Conconully Reservoirs was 23,000-acre feet, which is 98% of capacity and 109% of the June 1 average. According to the Okanogan Irrigation District; "this is the first year these reservoirs have filled since the record snowpack of water year 1999". Temperatures were 1 degree above normal for May and near normal for the water year.

For more information contact your local Natural Resources Conservation Service office.

Okanogan - Methow River Basins

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)	
		<===== Drier =====		Chance Of Exceeding *		Wetter =====>			
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)		
SIMILKAMEEN near Nighthawk (1)	JUN-JUL	335	505	585	80	665	835	735	
	JUN-SEP	415	590	670	80	750	925	835	
OKANOGAN near Tonasket (1)	JUN-JUL	400	615	715	83	815	1025	860	
	JUN-SEP	520	765	875	83	985	1230	1050	
OKANOGAN at Malott (1)	JUN-JUL	675	725	745	83	765	815	894	
	JUN-SEP	835	885	905	83	925	975	1085	
Salmon Creek nr Conconully	JUN-JUL	3.9	7.3	10.2	115	13.6	19.4	8.9	
	JUN-SEP	4.0	7.7	11.0	111	14.8	22	9.9	
TOATS COULEE CREEK nr Loomis	JUN-JUL	11.2	16.6	19.6	128	23	28	15.3	
	JUN-SEP	13.1	18.0	21	124	24	29	16.9	
Beaver Creek blw SF nr Twisp	JUN-SEP	4.1	5.9	7.1	113	8.3	10.1	6.3	
	JUN-JUL	3.3	5.0	6.2	117	7.4	9.1	5.3	
METHOW RIVER near Pateros	JUN-SEP	330	400	450	80	500	570	560	
	JUN-JUL	290	350	390	80	430	490	490	

OKANOGAN - METHOW RIVER BASINS Reservoir Storage (1000 AF) - End of May

OKANOGAN - METHOW RIVER BASINS Watershed Snowpack Analysis - June 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
SALMON LAKE	10.5	9.9	7.8	9.7	OKANOGAN RIVER	2	0	86
CONCONULLY RESERVOIR	13.0	13.2	8.2	11.4	OMAK CREEK	1	0	0
					SANPOIL RIVER	0	0	0
					SIMILKAMEEN RIVER	0	0	0
					TOATS COULEE CREEK	0	0	0
					CONCONULLY LAKE	1	0	0
					METHOW RIVER	3	0	85

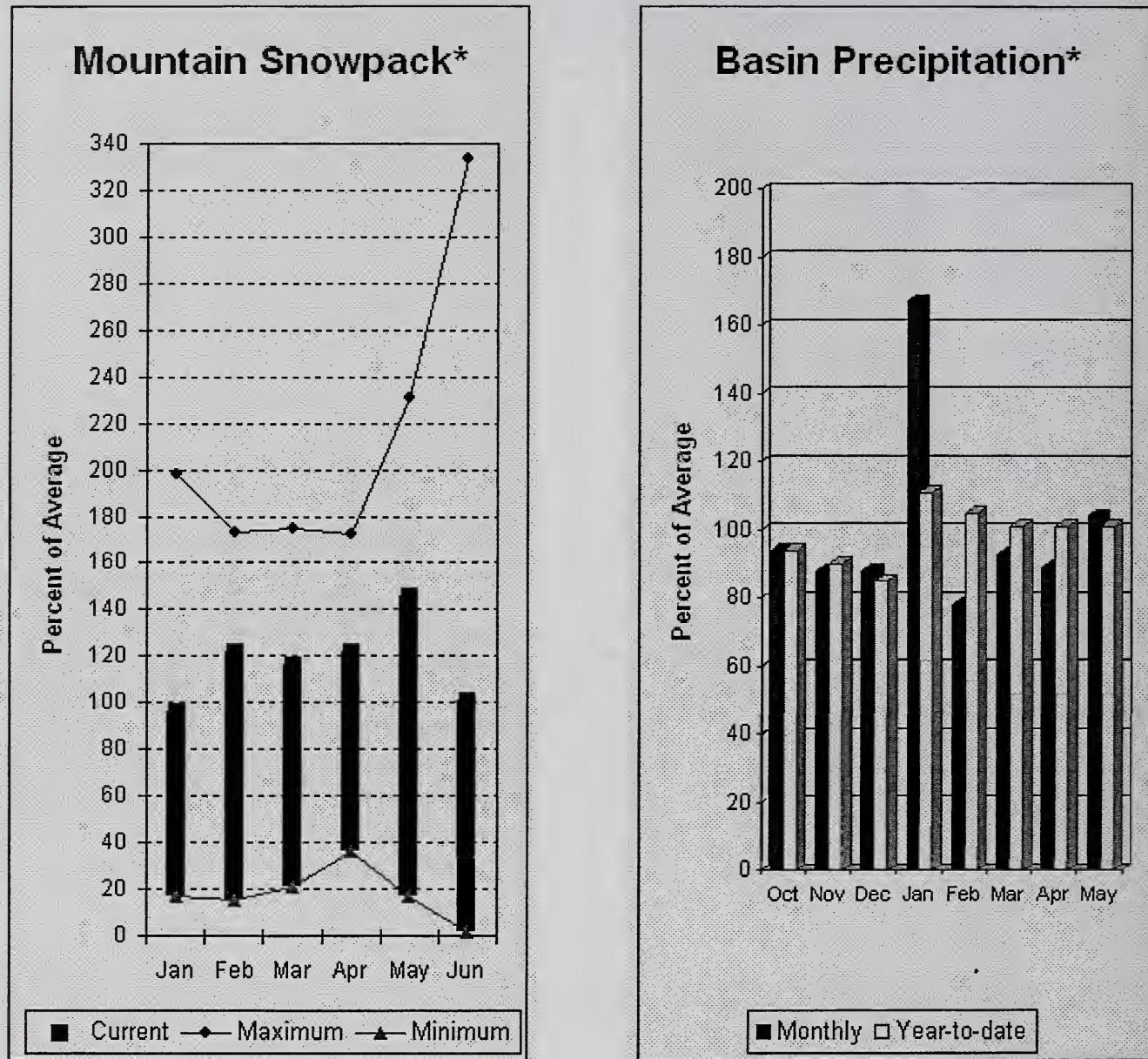
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The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(2) - The value is natural volume - actual volume may be affected by upstream water management.

Wenatchee - Chelan River Basins



*Based on selected stations

Precipitation during May was 104% of average in the basin and 101% for the year-to-date. Runoff for Entiat River is forecast to be 91% of average for the summer. The June-September average forecast for Chelan River is 86%, Wenatchee River at Plain is 88%, Stehekin River is 87% and Stemilt Ck. near Wenatchee is 130%. Icicle and Squilchuck creeks are expected to have near average flows as well. May average streamflows on the Chelan River were 143% and on the Wenatchee River 127%. June 1 snowpack in the Wenatchee River Basin was 103% of average; the Chelan, 100%; the Entiat, Stemilt Creek and Colockum Creek SNOTEL sites had all melted out. Reservoir storage in Lake Chelan was 473,000-acre feet, 100% of June 1 average and 70% of capacity. Lyman Lake SNOTEL had the most snow water with 53 inches of water. This site would normally have 50.8 inches on June 1. Temperatures were 2 degrees above normal for May and near average for the water year.

Wenatchee - Chelan River Basins

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	<===== Drier ===== Future Conditions ===== Wetter =====>						30-Yr Avg. (1000AF)	
		Chance Of Exceeding *		50% (1000AF) (% AVG.)		30% (1000AF) 10% (1000AF)			
		90% (1000AF)	70% (1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)		
CHELAN RIVER near Chelan	JUN-SEP	465	560	625	86	690	790	730	
	JUN-JUL	370	455	510	86	565	650	590	
STEHEKIN near STEHEKIN	JUN-SEP	355	420	465	87	510	575	535	
	JUN-JUL	265	320	355	87	390	445	410	
ENTIAT RIVER nr Ardenvoir	JUN-SEP	119	129	135	91	141	151	149	
	JUN-JUL	103	111	116	91	121	129	127	
WENATCHEE at Plain	JUN-JUL	400	465	510	89	555	620	575	
	JUN-SEP	470	555	610	88	665	750	695	
STEMILT CK nr Wenatchee (miner's in)	MAY-SEP	146	166	179	130	192	210	138	
ICICLE CREEK near Leavenworth	JUN-SEP	125	150	165	83	180	205	199	
	JUN-JUL	105	128	143	83	158	183	172	
COLUMBIA R. bl Rock Island Dam (2)	JUN-SEP	33364	36720	39000	90	41280	44640	43500	
	JUN-JUL	22664	26020	28300	86	30580	33940	33000	

WENATCHEE - CHELAN RIVER BASINS Reservoir Storage (1000 AF) - End of May

WENATCHEE - CHELAN RIVER BASINS Watershed Snowpack Analysis - June 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
CHELAN LAKE	676.1	472.5	672.2	473.0	CHELAN LAKE BASIN	4	3397	100
					ENTIAT RIVER	1	0	0
					WENATCHEE RIVER	6	1818	103
					STEMILT CREEK	1	0	0
					COLOCKUM CREEK	1	0	0

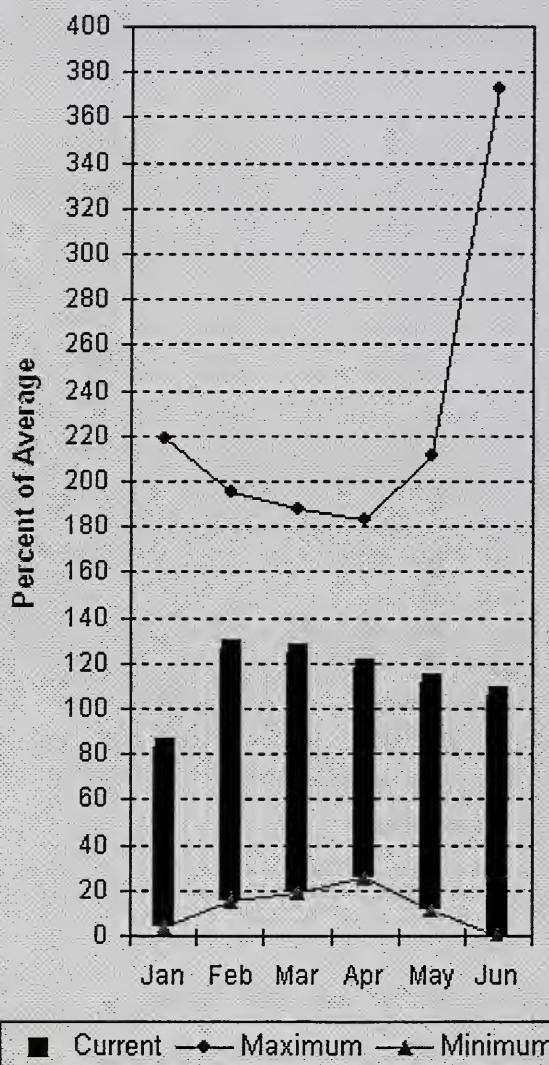
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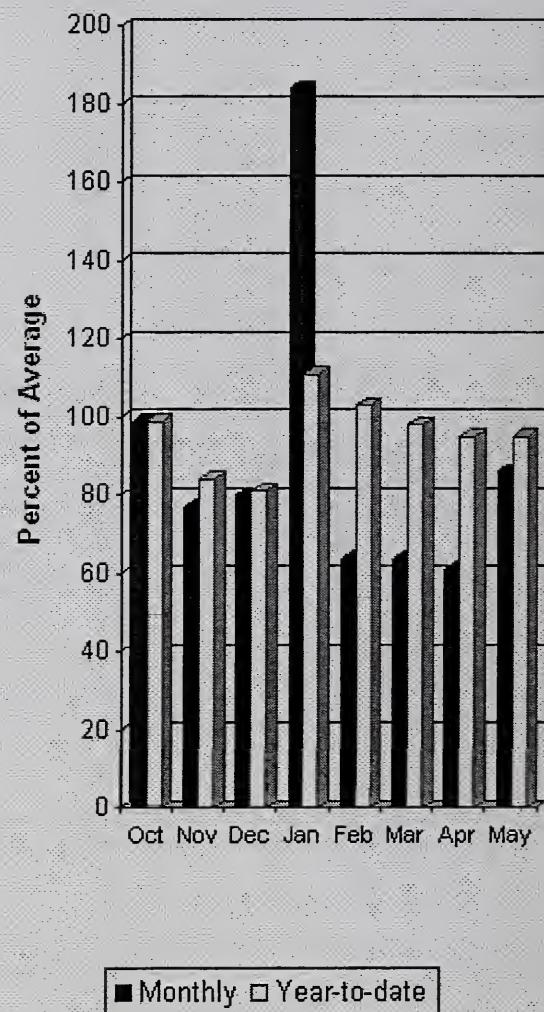
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 (2) - The value is natural volume - actual volume may be affected by upstream water management.

Upper Yakima River Basin

Mountain Snowpack*



Basin Precipitation*



*Based on selected stations

June 1 reservoir storage for the Upper Yakima reservoirs was 767,000-acre feet, 105% of average. Forecasts for the Yakima River at Cle Elum are 83% of average and the Teanaway River near Cle Elum is at 83%. Lake inflows are forecasted to range from 78-84 percent of average this summer. May streamflows within the basin were Yakima near Cle Elum at 121% and Cle Elum River near Roslyn at 130%. June 1 snowpack was 106% based upon 6 SNOTEL readings within the Upper Yakima Basin. Precipitation was only 86% of average for May and 95% for the water-year. Volume forecasts for the Yakima Basin are for natural flow. As such, they may differ from the U.S. Bureau of Reclamation's forecast for the total water supply available, which includes irrigation return flow.

Upper Yakima River Basin

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)	
		<===== Drier =====		Chance Of Exceeding *		Wetter =====>			
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)		
KEECHELUS LAKE INFLOW	JUN-JUL	22	31	37	79	43	52	47	
	JUN-SEP	28	39	46	78	53	64	59	
KACHESS LAKE INFLOW	JUN-JUL	22	29	34	79	39	46	43	
	JUN-SEP	26	34	40	78	46	54	51	
CLE ELUM LAKE INFLOW	JUN-JUL	118	144	159	83	174	199	192	
	JUN-SEP	142	172	192	84	212	242	230	
YAKIMA at Cle Elum	JUN-JUL	195	245	280	82	315	365	340	
	JUN-SEP	250	310	350	83	390	450	420	
TEANAWAY near Cle Elum	JUN-JUL	13.7	24	31	84	38	48	37	
	JUN-SEP	16.1	26	33	83	40	50	40	

UPPER YAKIMA RIVER BASIN Reservoir Storage (1000 AF) - End of May

UPPER YAKIMA RIVER BASIN Watershed Snowpack Analysis - June 1, 2006

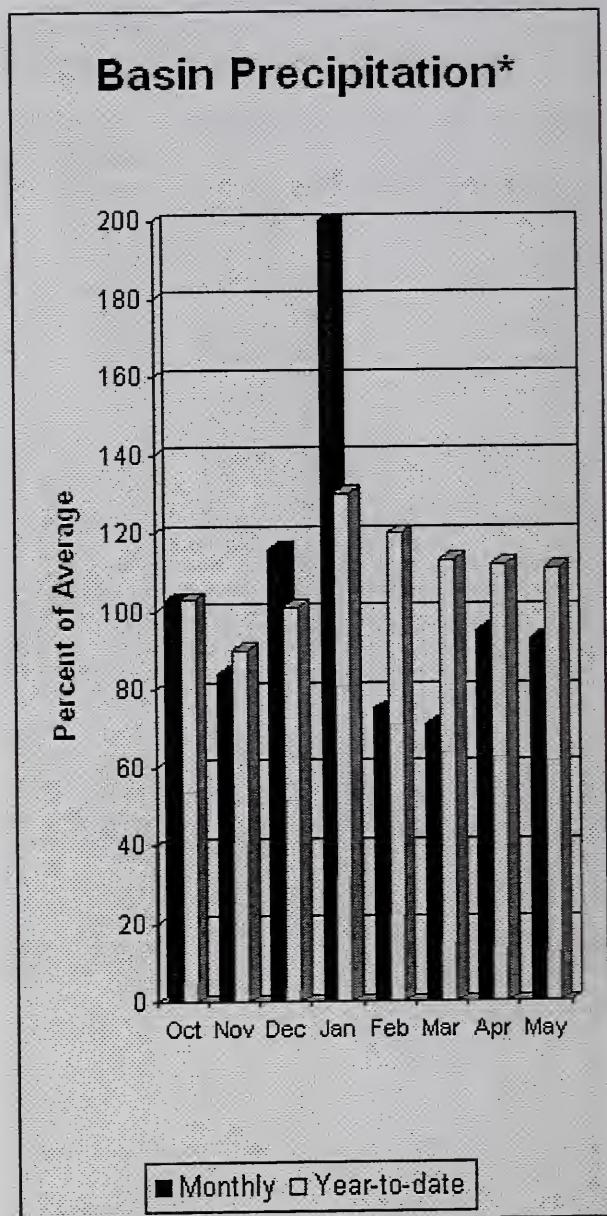
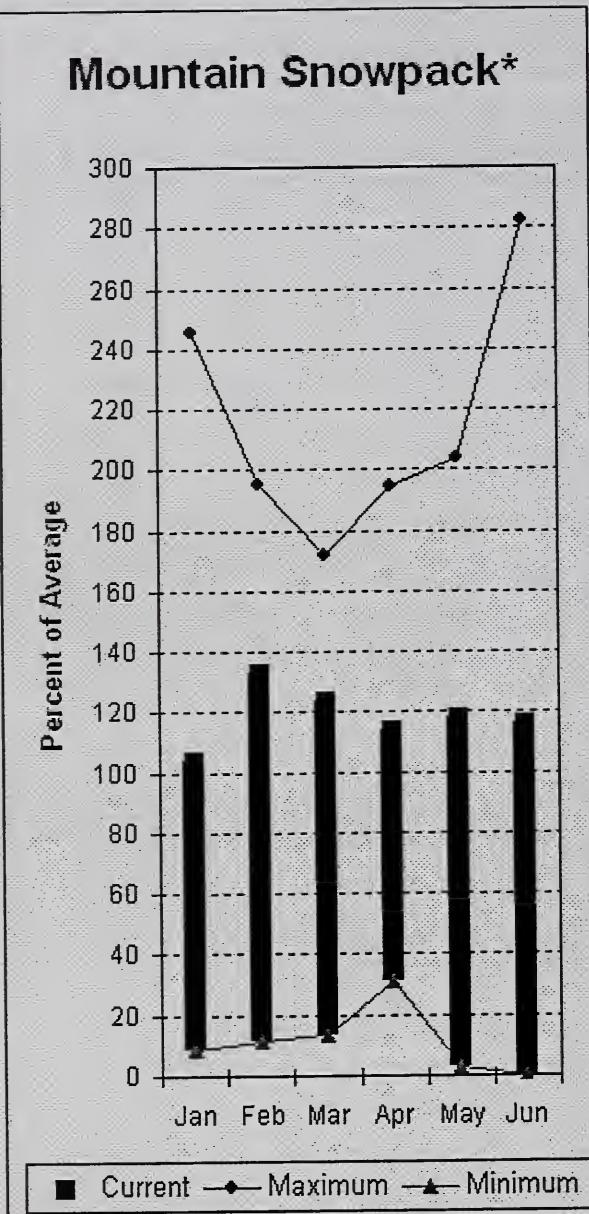
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of Last Yr	This Year as % of Average
		This Year	Last Year	Avg				
KEECHELUS	157.8	142.2	97.9	140.5	UPPER YAKIMA RIVER	6	0	106
KACHESS	239.0	152.3	165.3	207.6				
CLE ELUM	436.9	472.4	368.8	379.3				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
 (2) - The value is natural volume - actual volume may be affected by upstream water management.

Lower Yakima River Basin



*Based on selected stations

May average streamflows within the basin were: Yakima River near Parker, 142%; Naches River near Naches, 155%; and Yakima River at Kiona, 133%. June 1 reservoir storage for Bumping and Rimrock reservoirs was 229,000-acre feet, 112% of average. Forecast averages for Yakima River near Parker are 84%; American River near Nile, 86%; Ahtanum Creek, 100%; and Klickitat River near Glenwood, 119%. June 1 snowpack was 116% based upon 6 SNOTEL readings within the Lower Yakima Basin and Ahtanum Creek reported in at 138% of average. Precipitation was 93% of average for May and 111% year-to-date for water. Temperatures were 2 degrees above normal for May and near average for the water year. Volume forecasts for Yakima Basin are for natural flow. As such, they may differ from the U.S. Bureau of Reclamation's forecast for the total water supply available, which includes irrigation return flow.

Lower Yakima River Basin

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)	
		<<===== Drier =====>>		Chance Of Exceeding *		Wetter =====>>			
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)		
BUMPING LAKE INFLOW	JUN-SEP	41	54	63	88	72	85	72	
	JUN-JUL	34	46	54	89	62	74	61	
AMERICAN RIVER near Nile	JUN-SEP	42	49	54	86	59	66	63	
	JUN-JUL	34	41	46	85	51	58	54	
RIMROCK LAKE INFLOW	JUN-SEP	113	127	137	95	147	161	144	
	JUN-JUL	81	92	100	95	108	119	105	
NACHES near Naches	JUN-SEP	270	325	365	89	405	460	410	
	JUN-JUL	215	265	295	89	325	375	330	
AHTANUM CREEK at Union Gap	JUN-SEP	8.5	11.0	12.8	100	14.6	17.1	12.8	
	JUN-JUL	7.1	9.3	10.8	100	12.3	14.5	10.8	
YAKIMA near Parker	JUN-SEP	520	660	755	84	845	985	900	
	JUN-JUL	405	520	600	84	680	795	715	
KLICKITAT near Glenwood	JUN-JUN	60	66	70	159	74	80	44	
	JUN-SEP	98	108	115	147	122	132	78	

LOWER YAKIMA RIVER BASIN Reservoir Storage (1000 AF) - End of May

LOWER YAKIMA RIVER BASIN Watershed Snowpack Analysis - June 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of Last Yr Average
		This Year	Last Year	Avg			
BUMPING LAKE	33.7	32.8	33.6	30.4			
RIMROCK	198.0	196.3	197.7	173.5			

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

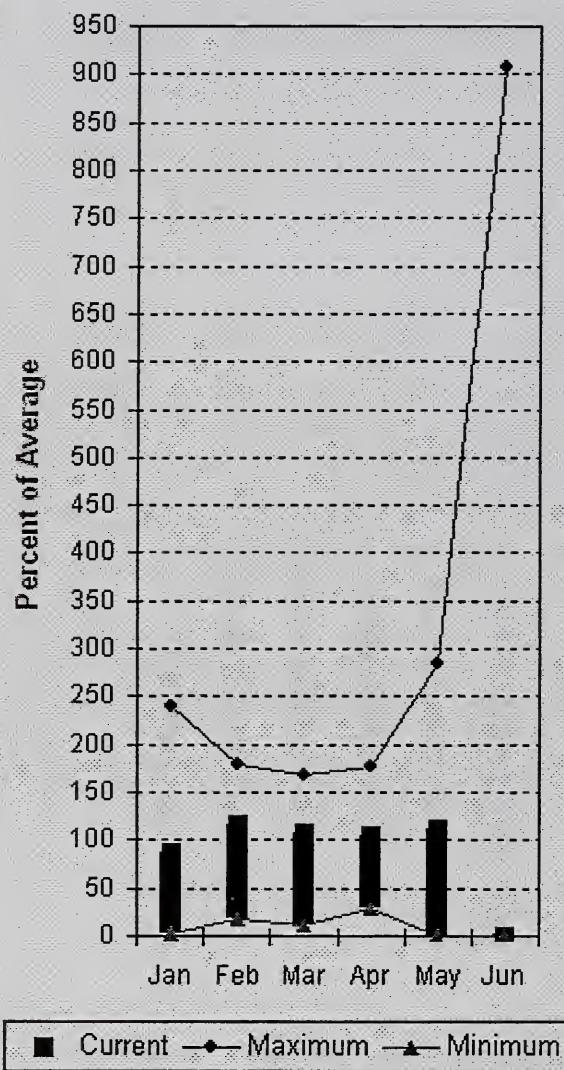
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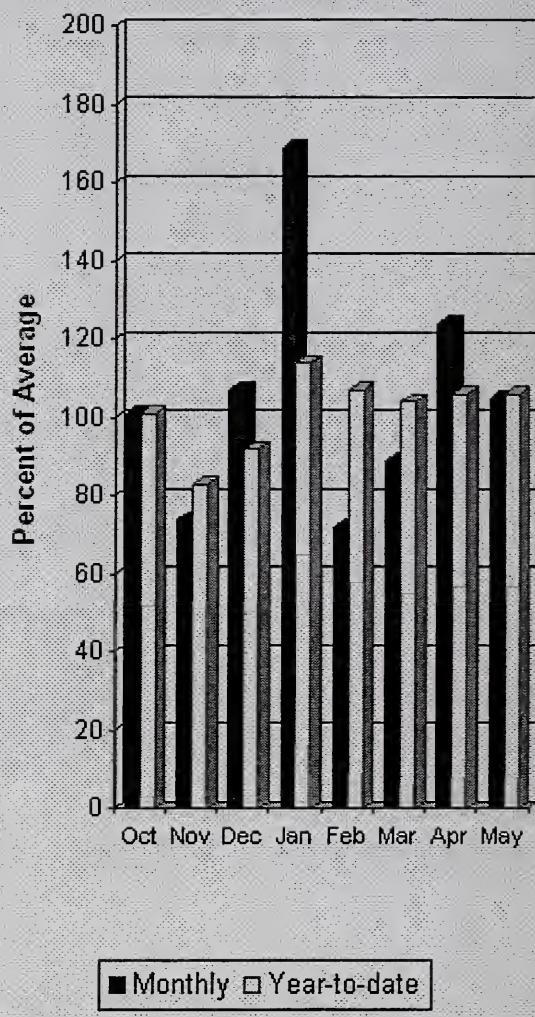
(2) - The value is natural volume - actual volume may be affected by upstream water management.

Walla Walla River Basin

Mountain Snowpack*



Basin Precipitation*



*Based on selected stations

May precipitation was 105% of average, maintaining the year-to-date precipitation at 106% of average. Snowpack in the basin was melted out by June 1. Streamflow forecasts are 108% of average for Mill Creek and 100% for the SF Walla Walla near Milton-Freewater. May streamflow was 103% of average for the Walla Walla River. Average temperatures were 3 degrees above normal for May and 1 degree above average for the water year.

Walla Walla River Basin

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)
		90% (1000AF)	70% (1000AF)	Chance Of Exceeding * (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	
SF WALLA WALLA near Milton-Freewater	JUN-JUL	15.3	18.0	20	104	22	25	19.2
	JUN-SEP	27	30	33	100	36	39	33

MILL CREEK at Kooskooskie

MAY-JUL	11.9	14.3	16.1	110	18.0	21	14.7
MAY-SEP	15.1	17.9	19.9	108	22	25	18.4

WALLA WALLA RIVER BASIN

Reservoir Storage (1000 AF) - End of May

WALLA WALLA RIVER BASIN

Watershed Snowpack Analysis - June 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of Last Yr Average
		This Year	Last Year	Avg			
					WALLA WALLA RIVER	2	0 0

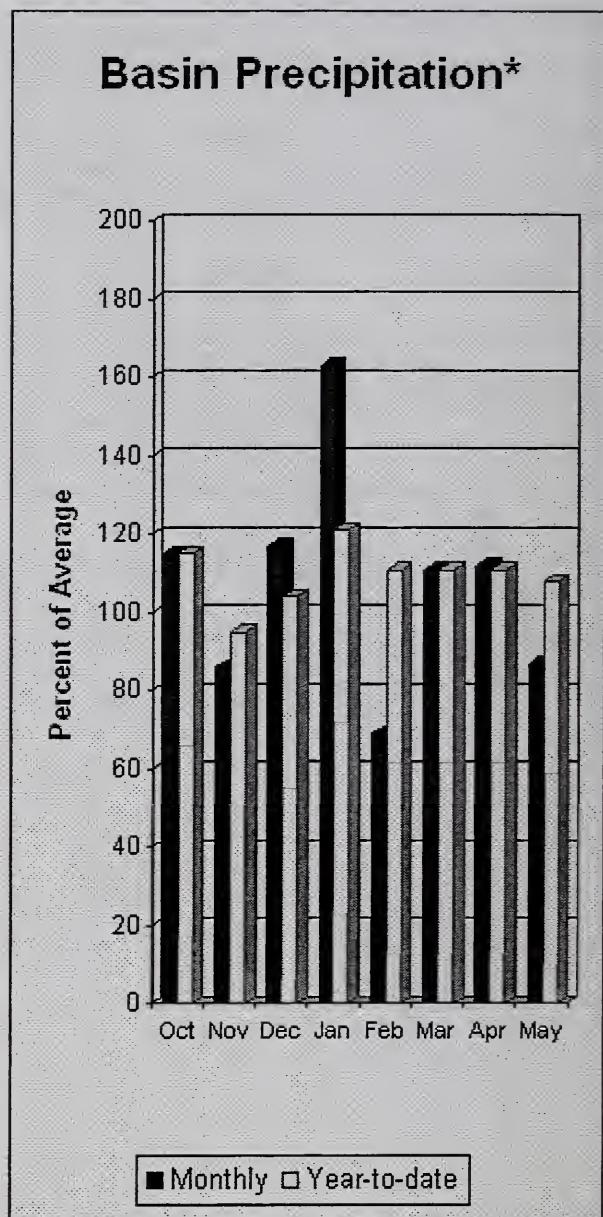
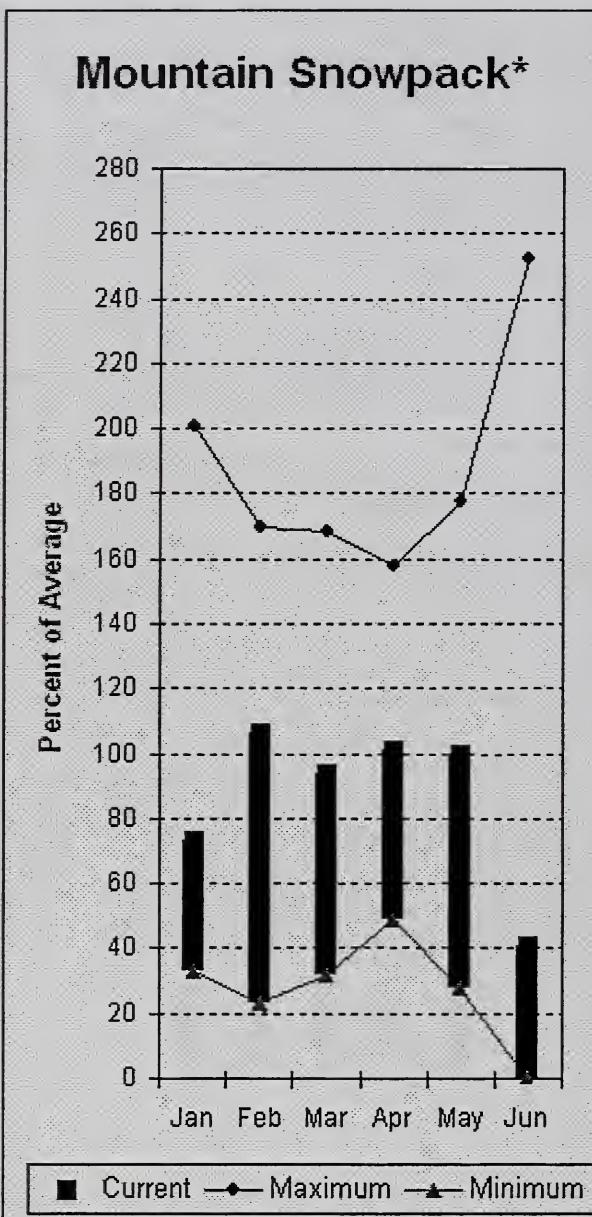
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(2) - The value is natural volume - actual volume may be affected by upstream water management.

Lower Snake River Basin



*Based on selected stations

The June-September forecast is for 92% for Clearwater River at Spalding. The Snake and Grande Ronde rivers can expect summer flows to be about 107% and 101% of normal respectively. May precipitation was 87% of average, maintaining the year-to-date precipitation at 108% of average. June 1 snowpack readings averaged 41% of normal. May streamflow was 131% of average for Snake River below Lower Granite Dam and 112% for Grande Ronde River near Troy. Average temperatures were 5 degrees above normal for May and 2 degrees above normal for the water year.

Lower Snake River Basin

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)	
		Chance Of Exceeding *							
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)		
GRANDE RONDE at Troy (1)	JUN-JUL	344	434	475	101	516	605	470	
	JUN-SEP	413	521	570	101	619	727	565	
CLEARWATER at Spalding (1,2)	JUN-JUL	1570	2360	2720	92	3080	3870	2960	
	JUN-SEP	1860	2710	3100	92	3490	4340	3370	
SNAKE blw Lower Granite Dam (1,2)	JUN-JUL	8103	9215	9720	104	10225	11340	9340	
	JUN-SEP	10647	12059	12700	107	13340	14750	11900	

LOWER SNAKE RIVER BASIN Reservoir Storage (1000 AF) - End of May				LOWER SNAKE RIVER BASIN Watershed Snowpack Analysis - June 1, 2006				
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of Last Yr Average	
	This Year	Last Year	Avg					
DWORSHAK	3468.0	3133.5	3425.6	3040.7	LOWER SNAKE, GRANDE RONDE	9	184	41

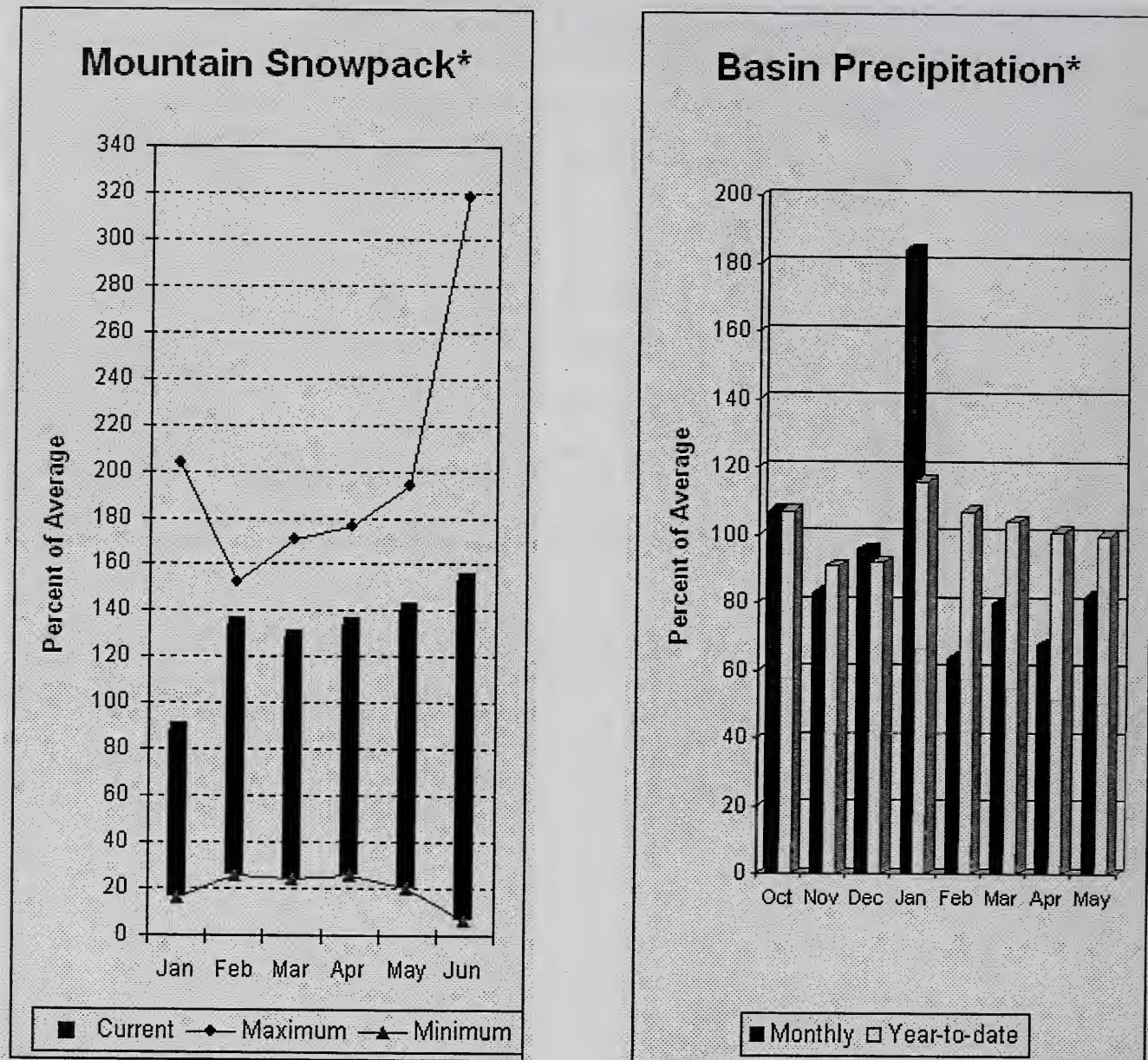
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(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(2) - The value is natural volume - actual volume may be affected by upstream water management.

Cowlitz - Lewis River Basins



*Based on selected stations

Forecasts for June – September streamflows within the basin are Lewis River at Ariel, 135% and Cowlitz River at Castle Rock, 108% of average. The Columbia at The Dalles is forecasted to have 86% of average flows this summer. May average streamflow for Cowlitz River was 111% and 97% for Lewis River. The Columbia River at The Dalles was 128% of average. May precipitation was 82% of average and the water-year average was 100%. June Lake SNOTEL received 5.8 inches of precipitation in May, normal is 8.39 inches. June 1 snow cover for Cowlitz River was 111%, and Lewis River was 195% of average. Average temperatures were 3-4 degrees above normal during May and 1 degree above for the water year.

Cowlitz - Lewis River Basins

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	<===== Drier ===== Future Conditions ===== Wetter =====>						30-Yr Avg. (1000AF)	
		Chance Of Exceeding *							
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)		
LEWIS at Ariel (2)	JUN-JUL	389	431	460	136	489	531	338	
	JUN-SEP	564	615	650	135	685	736	483	
COWLITZ R. bl Mayfield Dam (2)	JUN-SEP	230	694	1010	108	1326	1790	938	
COWLITZ R. at Castle Rock (2)	JUN-SEP	363	957	1360	108	1763	2357	1259	
KLICKITAT near Glenwood	JUN-JUN	60	66	70	159	74	80	44	
	JUN-SEP	98	108	115	147	122	132	78	
COLUMBIA R. at The Dalles (2)	JUN-SEP	38345	45166	49800	86	54430	61250	57800	
	JUN-JUL	26244	31934	35800	82	39670	45360	43800	

COWLITZ - LEWIS RIVER BASINS Reservoir Storage (1000 AF) - End of May

COWLITZ - LEWIS RIVER BASINS Watershed Snowpack Analysis - June 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
MOSSYROCK	0.0	1482.2	1668.5	---	LEWIS RIVER	5	0	195
SWIFT	0.0	750.5	754.6	---	COWLITZ RIVER	5	1870	111
YALE	0.0	397.9	400.7	---				
MERWIN	0.0	418.1	420.3	---				

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

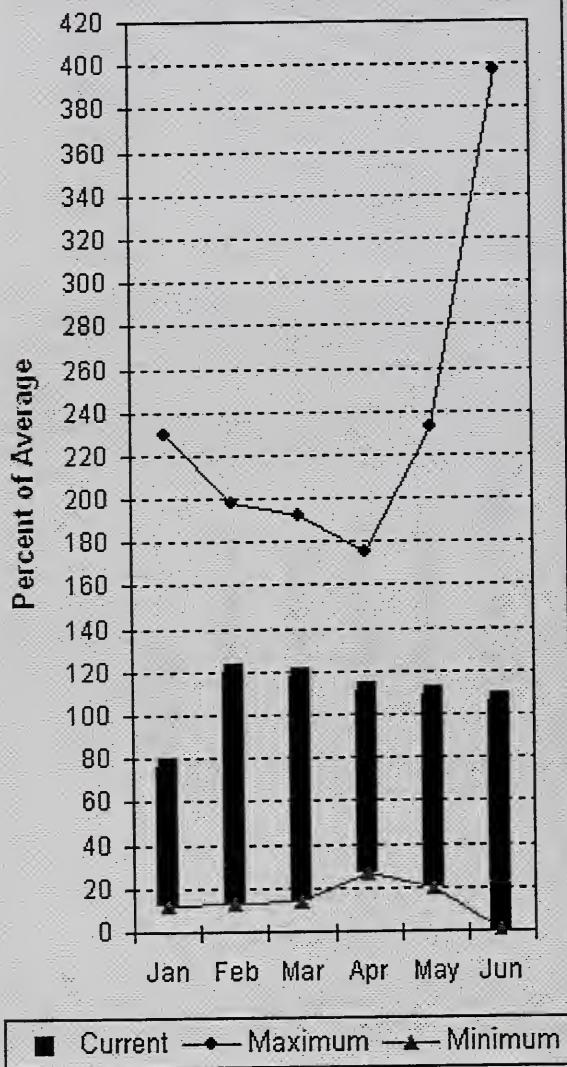
The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

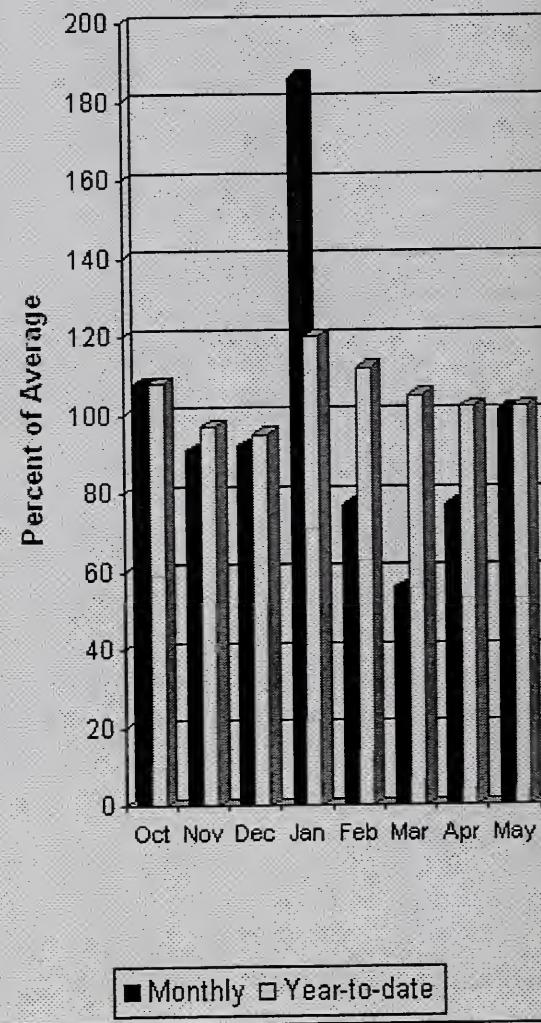
(2) - The value is natural volume - actual volume may be affected by upstream water management.

White - Green River Basins

Mountain Snowpack*



Basin Precipitation*



*Based on selected stations

Summer runoff is forecast to be 107% of normal for the Green River below Howard Hanson Dam and 109% for the White River near Buckley. June 1 snowpack was 122% of average in both White River and Puyallup River basins and 90% in Green River Basin. Water content on June 1 at Corral Pass SNOTEL, at an elevation of 6,000 feet, was 28 inches. This site has a June 1 average of 23.1 inches. May precipitation was 101% of average and water year-to-date is 102% of average for the basins. Average temperatures in the area were 2-3 degree above normal for May and 1 degree above for the water-year.

White - Green - Puyallup River Basins

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	Future Conditions						30-Yr Avg. (1000AF)	
		<===== Drier ===== Future Conditions ===== Wetter =====>							
		Chance Of Exceeding *		50% (1000AF) (% AVG.)		30% (1000AF) 10% (1000AF)			
WHITE near Buckley (1,2)	JUN-JUL	196	230	245	111	260	294	220	
	JUN-SEP	277	320	340	109	360	403	313	
GREEN below Howard Hanson (1,2)	JUN-JUL	58	78	87	107	96	116	81	
	JUN-SEP	80	104	115	107	126	150	108	

WHITE - GREEN - PUYALLUP RIVER BASINS Reservoir Storage (1000 AF) - End of May				WHITE - GREEN - PUYALLUP RIVER BASINS Watershed Snowpack Analysis - June 1, 2006			
Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of Last Yr Average
		This Year	Last Year	Avg			
					WHITE RIVER	2	0 122
					GREEN RIVER	2	0 90
					PUYALLUP RIVER	2	0 122

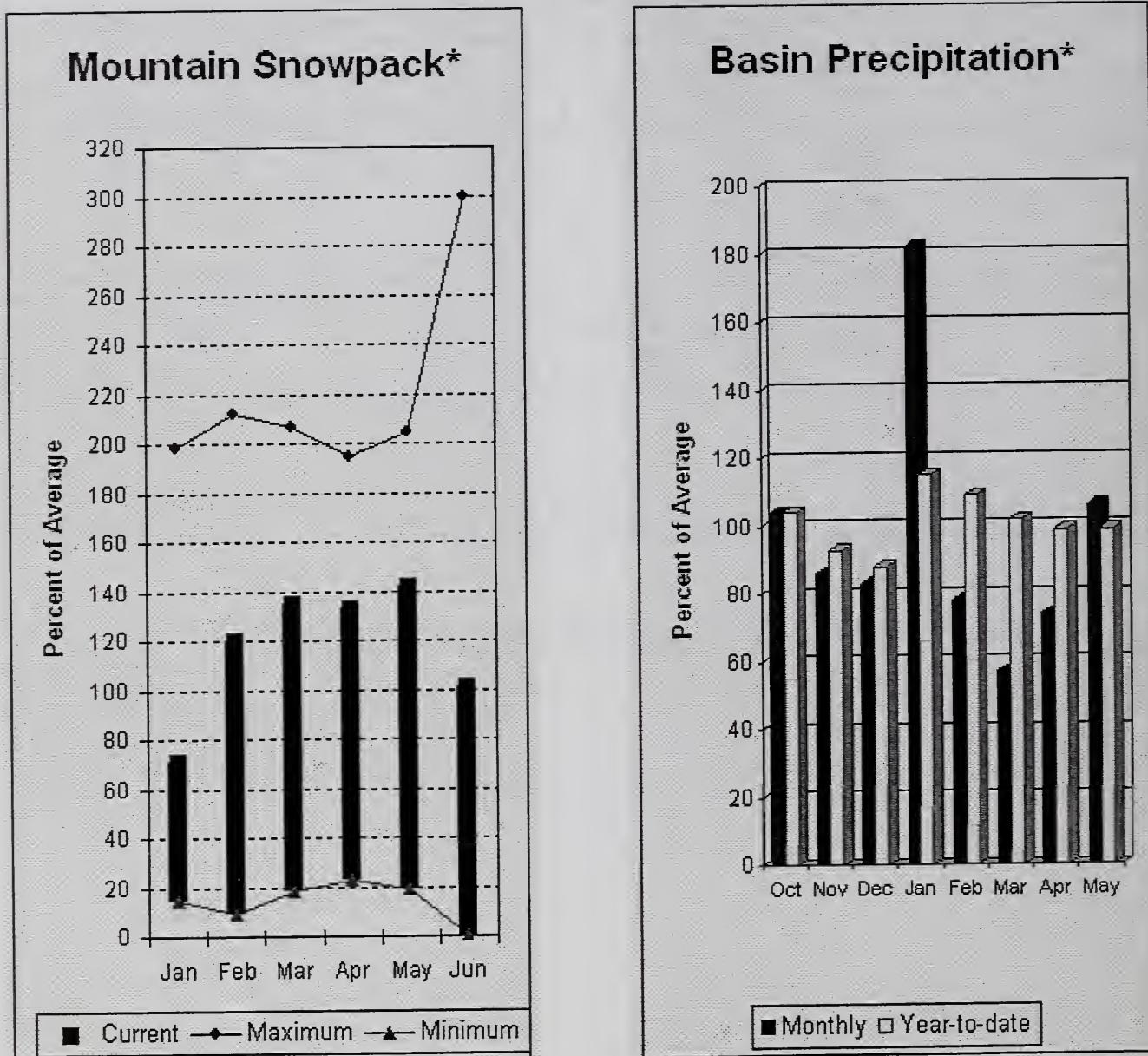
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The average is computed for the 1971-2000 base period.

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(2) - The value is natural volume - actual volume may be affected by upstream water management.

Central Puget Sound River Basins



*Based on selected stations

Forecast for spring and summer flows are: 109% for Cedar River near Cedar Falls; 111% for Rex River; 113% for South Fork of the Tolt River; and 115% for Cedar River at Cedar Falls. Basin-wide precipitation for May was 106% of average, maintaining water-year-to-date at 99% of average. June 1 average snow cover in Cedar River Basin was 62%, Tolt River Basin was 115%, Snoqualmie River Basin was 106%, and Skykomish River Basin was 119%. Olallie Meadows SNOTEL site, at 3960 feet, had 32.6 inches of water content. Average June 1 water content is 31.8 inches at Olallie Meadows. Temperatures were 2 degrees above average for May and 1 degree above for the water-year.

Central Puget Sound River Basins

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	<===== Drier ===== Future Conditions ===== Wetter =====>						30-Yr Avg. (1000AF)	
		Chance Of Exceeding *			30% (1000AF) 10% (1000AF)				
		90% (1000AF)	70% (1000AF)	50% (1000AF) (% AVG.)	30% (1000AF)	10% (1000AF)			
CEDAR near Cedar Falls	JUN-JUL	19.2	26	30	111	34	41	27	
	JUN-SEP	24	32	37	109	42	50	34	
REX near Cedar Falls	JUN-JUL	4.1	7.0	9.0	110	11.0	13.9	8.2	
	JUN-SEP	6.0	9.6	12.0	111	14.4	18.0	10.8	
CEDAR RIVER at Cedar Falls	JUN-JUL	12.1	16.8	20	110	23	28	18.2	
	JUN-SEP	15.3	18.2	20	115	22	25	17.5	
SOUTH FORK TOLT near Index	JUN-JUL	5.3	6.3	7.0	115	7.7	8.7	6.1	
	JUN-SEP	7.6	8.7	9.4	113	10.1	11.2	8.3	

CENTRAL PUGET SOUND RIVER BASINS Reservoir Storage (1000 AF) - End of May

CENTRAL PUGET SOUND RIVER BASINS Watershed Snowpack Analysis - June 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
					CEDAR RIVER	4	0	62
					TOLT RIVER	2	0	115
					SNOQUALMIE RIVER	4	0	106
					SKYKOMISH RIVER	2	0	119

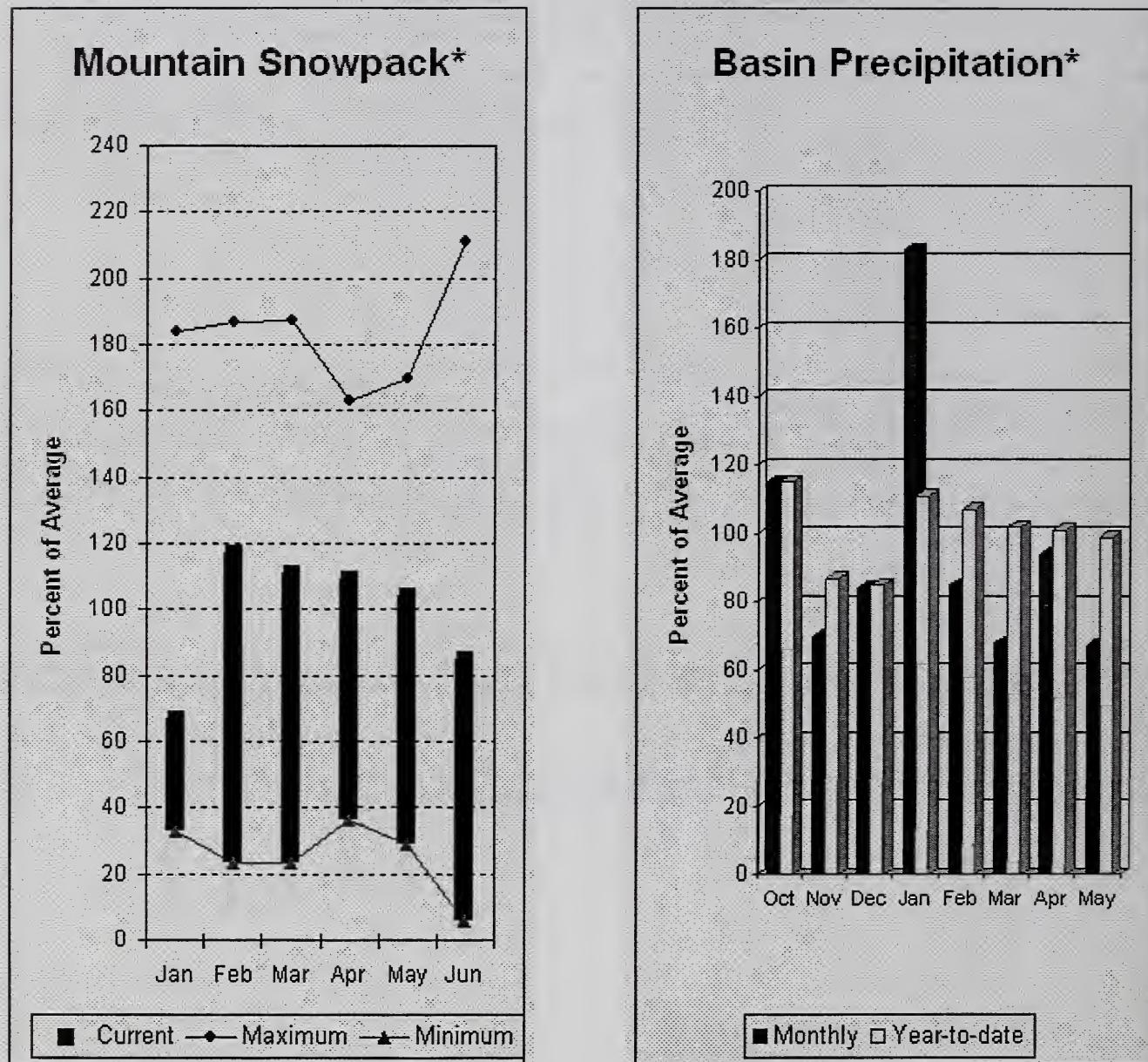
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The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.

(2) - The value is natural volume - actual volume may be affected by upstream water management.

North Puget Sound River Basins



*Based on selected stations

Forecast for Skagit River streamflow at Newhalem is 93% of average for the spring and summer period. May streamflow in Skagit River was 114% of average. Other forecast points included Baker River at 96% and Thunder Creek at 101% of average. Basin-wide precipitation for May was 67% of average, bringing water-year-to-date down to 99% of average. June 1 average snow cover in Skagit River Basin was 89% and Nooksack River Basin was 16%. Baker River Basin was estimated to still have 81% average snowpack. Rainy Pass SNOTEL, at 4,780 feet, had 20.4 inches of water content. Average June 1 water content is 24.3 inches at Rainy Pass. In anticipation for additional runoff, June 1 Skagit River reservoir storage was 94% of average and 70% of capacity. Average temperatures for May were 1 degree above normal for the basin and 1 degree above average for the water year.

North Puget Sound River Basins

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	<===== Drier ===== Future Conditions ===== Wetter =====>						30-Yr Avg. (1000AF)	
		Chance Of Exceeding *							
		90% (1000AF)	70% (1000AF)	50% (1000AF)	(% AVG.)	30% (1000AF)	10% (1000AF)		
THUNDER CREEK near Newhalem	JUN-JUL	138	151	160	101	169	182	158	
	JUN-SEP	231	248	260	101	272	289	257	
SKAGIT at Newhalem (2)	JUN-JUL	872	966	1030	98	1094	1188	1054	
	JUN-SEP	1133	1239	1310	93	1381	1487	1407	
BAKER RIVER near Concrete	JUN-JUL	403	431	450	97	469	497	465	
	JUN-SEP	633	649	660	96	671	687	687	

NORTH PUGET SOUND RIVER BASINS Reservoir Storage (1000 AF) - End of May

NORTH PUGET SOUND RIVER BASINS Watershed Snowpack Analysis - June 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of	
		This Year	Last Year	Avg			Last Yr	Average
ROSS	1404.1	967.0	1306.1	1031.4	SKAGIT RIVER	3	0	89
DIABLO RESERVOIR	90.6	86.6	83.5	86.9	BAKER RIVER	0	0	0
					NOOKSACK RIVER	1	0	16

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

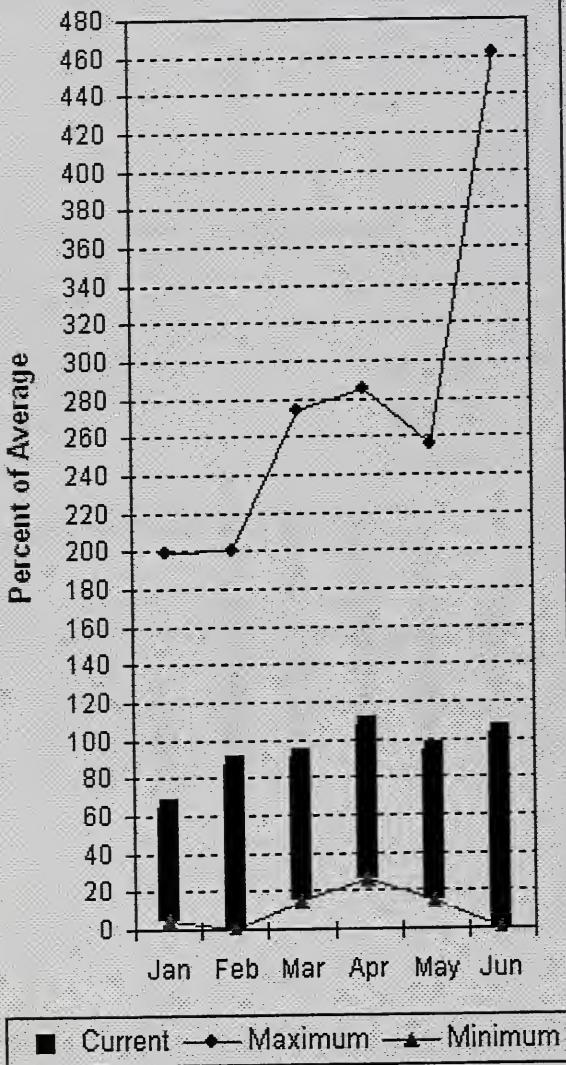
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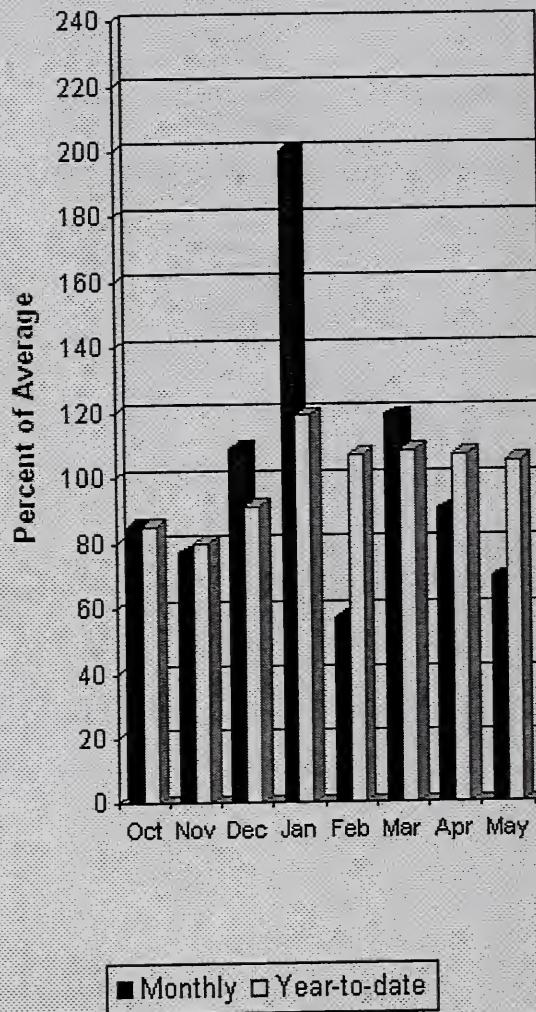
(2) - The value is natural volume - actual volume may be affected by upstream

Olympic Peninsula River Basins

Mountain Snowpack*



Basin Precipitation*



*Based on selected stations

Forecasted average runoff for streamflow for both the Dungeness and Elwha rivers is 106% and 101% respectively. May runoff in the Dungeness River was 134% of normal. Big Quilcene and Wynoochee rivers should expect near average runoff this summer as well. May precipitation was 69% of average. Precipitation has accumulated at 105% of average for the water year. May precipitation at Quillayute was only 2.86 inches. The thirty-year average for May is 5.51 inches. Olympic Peninsula snowpack averaged 103% of normal near Hurricane Ridge. Mt Crag and Dungeness SNOTEL sites had both melted out during the warm weather last month, which is normal for both sites. Temperatures were 1-2 degrees above average for May and 1 degree above average for the water year.

Olympic Peninsula River Basins

Streamflow Forecasts - June 1, 2006

Forecast Point	Forecast Period	<===== Drier ===== Future Conditions ===== Wetter =====>						30-Yr Avg. (1000AF)	
		Chance Of Exceeding *		50%		30% 10%			
		90% (1000AF)	70% (1000AF)	(1000AF)	(% AVG.)	(1000AF)	(1000AF)		
DUNGENESS near Sequim	JUN-SEP	93	100	105	106	110	117	99	
	JUN-JUL	68	73	76	107	79	84	71	
ELWHA near Port Angeles	JUN-SEP	275	296	310	101	324	345	306	
	JUN-JUL	198	214	225	101	236	252	222	

OLYMPIC PENINSULA RIVER BASINS Reservoir Storage (1000 AF) - End of May

OLYMPIC PENINSULA RIVER BASINS Watershed Snowpack Analysis - June 1, 2006

Reservoir	Usable Capacity	*** Usable Storage ***			Watershed	Number of Data Sites	This Year as % of Last Yr	This Year as % of Average
		This Year	Last Year	Avg				
					OLYMPIC PENINSULA	1	0	0

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Washington Water Supply Outlook Report

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